

# Missouri Crop & Livestock

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*Reporter*

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United States Department of Agriculture cooperating with Missouri Department of Agriculture

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## "MO" News

Mid-August rains temporarily helped break the drought and benefitted late developing crops and pastures. The hot, dry summer proved to be a very trying time for Missouri crops and farmers. With last years' record crops now a memory, there is considerable concern about the long-term affect of the drought. To monitor the production and economic impact, we will conduct our ARMS and other surveys this fall and winter. Please help us present a true picture of Missouri's agricultural status when contacted.

Gene Danekas  
Director



## Missouri Row Crop Yields Down From 2004

"Forecasts for Missouri row crop yields show the results of the drought that affected most of the growing season but farmers' expectations have risen slightly from a month ago, said Gene Danekas, Director, Missouri Agricultural Statistics. August rains came too late to have a major impact on much of the State's crop acreage but the later-planted fields, particularly soybeans, are responding to the additional moisture".

**Missouri soybean** production is forecast at 167 million bushels based on September 1, 2005 conditions, up 6 percent from the August 1 forecast but 25 percent below last year. The State yield is forecast at 33 bushels per acre, 2 bushels above last months forecast but 12 bushels under the 2004 record yield.

**Corn** production in **Missouri** is forecast at 304 million bushels, 2 percent more than the August 1 forecast but 35 percent below last years record crop. The expected yield of 103 bushels per acre is up 4 bushels from a month earlier but 59 bushels below last year's record. The revised forecast of 2.95 million acres to be harvested for grain is a reduction of 50,000 acres from a month ago and partially offsets the effect of the increased yield in determining production.

**Missouri grain sorghum** production is forecast at 8.9

million bushels, 3 percent above the August 1 forecast but 43 percent below the 2004 production. The expected yield of 74 bushels per acre is up 2 bushels from a month ago but 34 bushels below the 2004 record.

**Cotton** production in **Missouri** is forecast at 770,000 bales, 3 percent below the August 1 forecast and 7 percent less than last year's record crop. State yields are expected to average 850 pounds per acre, down 42 pounds from August 1 and 204 pounds below the 2004 record high. Of the revised 440,000 planted acres, farmers expect to harvest 435,000 acres, both up 10,000 from the August 1 forecast.

**Rice** production in the State is forecast at a record 14.3 million cwt, 9 percent more than indicated a month earlier and 8 percent above the previous record of last year. Revised harvested acres are forecast at 211,000, up 8 percent from 2004, following the revised planted total of 216,000 acres. Yield is forecast at 6,800 pounds, down 100 pounds from the August forecast but equal to last year's record high.

**Missouri potato** production is forecast at 1.94 million cwt, 1 percent more last year but unchanged from the previous forecast. Yield is forecast at 340 cwt, 30 cwt above 2004 and equaling the 2001 record.

## Crop Production 2004 and Forecasted September 1, 2005

| Crop                          | Missouri    |       |          |       |            |         | United States |        |          |       |            |         |
|-------------------------------|-------------|-------|----------|-------|------------|---------|---------------|--------|----------|-------|------------|---------|
|                               | Harvested   |       | Yield    |       | Production |         | Harvested     |        | Yield    |       | Production |         |
|                               | 2004        | 2005  | 2004     | 2005  | 2004       | 2005    | 2004          | 2005   | 2004     | 2005  | 2004       | 2005    |
|                               | 1,000 Acres |       | Per Acre |       | 1,000      |         | 1,000 Acres   |        | Per Acre |       | Millions   |         |
| Corn <sup>1/</sup>            | 2,880       | 2,950 | 162      | 103   | 466,560    | 303,850 | 73,632        | 74,318 | 160.4    | 143.2 | 11,807.2   | 10638.7 |
| Soybeans <sup>1/</sup>        | 4,960       | 5,050 | 45       | 33    | 223,200    | 166,650 | 73,958        | 72,184 | 42.5     | 38.7  | 3,141.0    | 2856.4  |
| Winter Wheat <sup>1/ 2/</sup> | 930         | 570   | 52       | 57    | 48,360     | 32,490  | 34,462        | 34,271 | 43.5     | 44.4  | 1,499.4    | 1,521   |
| Grain Sorghum <sup>1/</sup>   | 145         | 120   | 108      | 74    | 15,660     | 8,880   | 6,517         | 6,030  | 69.8     | 66.0  | 454.9      | 397.7   |
| Rice <sup>3/</sup>            | 195         | 211   | 6,800    | 6,800 | 13,261     | 14,348  | 3,325         | 3,343  | 6,942    | 6,830 | 230.8      | 228.3   |
| Tobacco <sup>2/ 4/</sup>      | 1.45        | 1.40  | 2,300    | 2,200 | 3,335      | 3,080   | 408           | 307    | 2,155    | 2,099 | 879.2      | 644.3   |
| Cotton <sup>5/</sup>          | 378         | 435   | 1,054    | 850   | 830        | 770     | 13,057        | 13,673 | 855      | 782   | 23.3       | 22.3    |
| All Hay <sup>6/ 2/</sup>      | 4,350       | 4,100 | 2.17     | 1.63  | 9,420      | 6,670   | 61,916        | 61,723 | 2.55     | 2.43  | 157.8      | 150.0   |

1/ Yield and production in bushels.

2/ Carried forward from earlier months.

3/ Yield in pounds and production in cwt.

4/ Yield and production in pounds.

5/ Yield in pounds and production in 480 pound bales.

6/ Yield and production in tons.

**The complete NASS Report can be accessed at:**

<http://usda.mannlib.cornell.edu/reports/nassr/field/pcp-bb>

## Hired Workers Up 2 Percent, Wage Rates Up 4 Percent From a Year Ago

There were 1,332,000 hired workers on the Nation's farms and ranches during the week of July 10-16, 2005, up 2 percent from a year ago. Of these hired workers, 930,000 workers were hired directly by farm operators. Agricultural service employees on farms and ranches made up the remaining 402,000 workers.

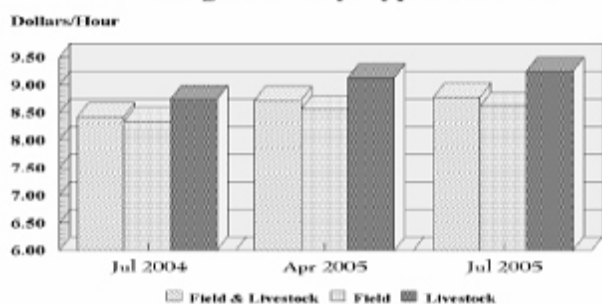
Farm operators paid their hired workers an average wage of \$9.39 per hour during the July 2005 reference week, up 35 cents from a year earlier. Field workers received an average of \$8.62 per hour, up 28 cents from last July, while livestock workers earned \$9.25 per hour compared with \$8.74 a year earlier. The field and livestock worker combined wage rate, at \$8.78 per hour, was up 35 cents from last year.

The number of hours worked averaged 40.6 hours for hired workers during the survey week, up 4 percent from a year ago.

### Farm Labor and Wage Rates, Cornbelt II Region (Missouri and Iowa) July 2004, April 2005 and July 2005

| ITEM                               | July<br>11-17<br>2004                    | April<br>10-16<br>2005 | July<br>11-17<br>2005 |
|------------------------------------|------------------------------------------|------------------------|-----------------------|
| <b>Farm Employment</b>             | <i>1,000</i>                             |                        |                       |
| Hired Workers                      | 24                                       | 27                     | 31                    |
| <b>Hours Worked per Worker</b>     | <i>Hours per Week</i>                    |                        |                       |
| Hired Workers                      | 38.3                                     | 34.2                   | 40.4                  |
| <b>Farm Wage Rates</b>             | <i>(type of worker) Dollars per Hour</i> |                        |                       |
| All Hired Workers                  | 8.70                                     | 9.38                   | 9.56                  |
| Field Worker                       | 8.08                                     | 8.85                   | 8.86                  |
| Livestock Workers                  | 8.61                                     | 9.27                   | 9.14                  |
| Combined Field & Livestock Workers | 8.35                                     | 9.06                   | 9.05                  |

### U.S. Wage Rates by Type of Worker



The complete NASS Report can be accessed at:  
<http://usda.mannlib.cornell.edu/reports/nassr/other/pfl-bb>

## Turkeys Raised Down 3 Percent from 2004

The preliminary estimate of turkeys raised in the United States during 2005 is 256 million, down 3 percent from the number raised during 2004.

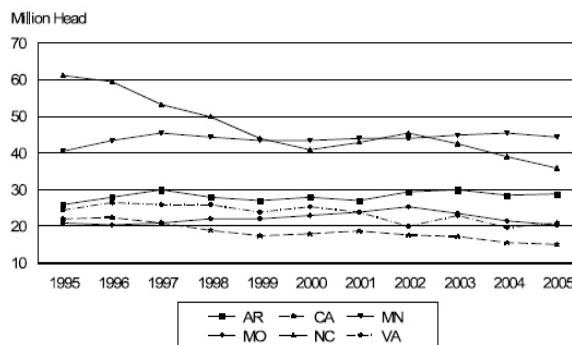
The following six States are expected to account for about two-thirds of the turkeys produced in the United States during 2005: Minnesota, at 44.5 million birds, is expected to raise the largest number of any state, showing a 2 percent decrease from last year. North Carolina ranks second with 36.0 million birds, down 8 percent from 2004. Arkansas is in third place by producing 29.0 million birds, 2 percent more than a year ago. Virginia, at 21.0 million birds is up 7 percent from 2004. Missouri growers expect to produce 20.5 million birds in 2005, down 5 percent from the previous year. California expects to raise 15.1 million turkeys, 4 percent less than a year earlier.

### Turkeys: Number Raised by State and United States, 2004-2005 <sup>1/</sup>

| State           | Number            |               | 2005<br>as % of<br>2004 |
|-----------------|-------------------|---------------|-------------------------|
|                 | 2004              | 2005          |                         |
|                 | <i>1,000 Head</i> |               | <i>Percent</i>          |
| Arkansas        | 28,500            | 29,000        | 102                     |
| California      | 15,700            | 15,100        | 96                      |
| Minnesota       | 45,500            | 44,500        | 98                      |
| <b>Missouri</b> | <b>21,500</b>     | <b>20,500</b> | <b>95</b>               |
| North Carolina  | 39,000            | 36,000        | 92                      |
| Virginia        | 19,700            | 21,000        | 107                     |
| United States   | 263,207           | 256,247       | 97                      |

1/ Revised.

### Number of Turkeys Raised Major States, 1995-2005



The complete NASS Report can be accessed at:  
<http://usda.mannlib.cornell.edu/reports/nassr/poultry/ptb-bbt/>

### July Milk Production

| State           | Milk Cows <sup>1/</sup> |              | Milk Per Cow <sup>2/</sup> |              | Milk Production <sup>2/</sup> |               |
|-----------------|-------------------------|--------------|----------------------------|--------------|-------------------------------|---------------|
|                 | 2004                    | 2005         | 2004                       | 2005         | 2004                          | 2005          |
|                 | 1,000 Head              |              | Pounds                     |              | Million Pounds                |               |
| IL              | 107                     | 104          | 1,520                      | 1,580        | 163                           | 164           |
| IA              | 193                     | 187          | 1,660                      | 1,700        | 320                           | 318           |
| <b>MO</b>       | <b>122</b>              | <b>117</b>   | <b>1,240</b>               | <b>1,220</b> | <b>151</b>                    | <b>143</b>    |
| <b>23 State</b> | <b>8,096</b>            | <b>8,144</b> | <b>1,623</b>               | <b>1,682</b> | <b>13,143</b>                 | <b>13,698</b> |

1/ Includes dry cows, excludes heifers not yet fresh.

2/ Excludes milk sucked by calves.

**The complete NASS Report can be accessed at:**

<http://usda.mannlib.cornell.edu/reports/nassr/dairy/pmp-bb/>

### U.S. Dairy Production by Product, July 2005

| Product                      | July 2005     | Change From |           |
|------------------------------|---------------|-------------|-----------|
|                              |               | July 2004   | June 2005 |
|                              | 1,000 Pounds  | Percent     |           |
| <b>Butter</b>                | 94,722        | 2.3         | -10.9     |
| <b>Cheese</b>                |               |             |           |
| American Types <sup>1/</sup> | 315,480       | 4.2         | -1.9      |
| Total                        | 737,259       | 4.0         | -3.3      |
|                              | 1,000 Gallons | Percent     |           |
| <b>Frozen Products</b>       |               |             |           |
| Ice Cream, Hard              | 87,643        | 12.5        | -3.5      |
| Ice Cream, Lowfat, Total     | 39,262        | -7.5        | -5.9      |
| Ice Cream, Nonfat, Hard      | 1,872         | 8.5         | 0.9       |
| Sherbet, Hard                | 5,384         | 14.6        | -5.7      |
| Frozen Yogurt, Total         | 5,637         | -1.2        | -7.0      |
|                              | 1,000 Pounds  | Percent     |           |
| <b>Dry Whey Products</b>     |               |             |           |
| Dry Whey, Human              | 80,672        | 4.7         | -1.1      |
| Dry Whey, Animal             | 7,842         | 30.5        | -1.9      |
| Dry Whey, Total              | 88,514        | 6.6         | -1.2      |

1/ Includes Cheddar, Colby, Monterey, and Jack.

**The complete NASS Report can be accessed at:**

<http://usda.mannlib.cornell.edu/reports/nassr/dairy/pdp-bb/>

### Chicks Hatched by Commercial Hatcheries

| Item                    | Jul     |         | Jan - Jul |           |
|-------------------------|---------|---------|-----------|-----------|
|                         | 2004    | 2005    | 2004      | 2005      |
|                         | 1,000   |         |           |           |
| <b>Broiler-Type</b>     |         |         |           |           |
| 19 States <sup>1/</sup> | 783,346 | 786,482 | 5,313,898 | 5,407,380 |
| U.S.                    | 806,658 | 807,654 | 5,472,694 | 5,559,923 |
| <b>Egg-Type</b>         |         |         |           |           |
| U.S.                    | 34,919  | 35,310  | 252,863   | 259,255   |

1/ States in the weekly hatchery production estimating program.

**The complete NASS Report can be accessed at:**

<http://usda.mannlib.cornell.edu/reports/nassr/poultry/pec-bb/>

### Average Prices Received by Farmers <sup>1/</sup>

| Commodity                           | Unit | Missouri  |          |                        | U.S.                   |
|-------------------------------------|------|-----------|----------|------------------------|------------------------|
|                                     |      | Aug 2004* | Jul 2005 | Aug 2005 <sup>2/</sup> | Aug 2005 <sup>2/</sup> |
|                                     |      | Dollars   |          |                        |                        |
| Winter Wheat                        | Bu   | 3.19      | 3.38     | 3.20                   | 3.11                   |
| Corn                                | Bu   | 2.43      | 2.15     | 1.95                   | 1.89                   |
| Soybeans                            | Bu   | 6.64      | 6.77     | 6.05                   | 6.09                   |
| Sorghum                             | Cwt  | 3.88      | 3.64     | 3.50                   | 3.68                   |
| <b>BALED HAY <sup>2/</sup></b>      |      |           |          |                        |                        |
| All Hay                             | Ton  | 57.00     | 56.00    | 56.00                  | 99.70                  |
| Alfalfa                             | Ton  | 96.00     | 98.00    | 98.00                  | 109.00                 |
| Other                               | Ton  | 44.00     | 45.00    | 45.00                  | 74.80                  |
| <b>ALL BEEF</b>                     |      |           |          |                        |                        |
| Cows <sup>3/</sup>                  | Cwt  | 55.00     | 53.80    | 50.90                  | 51.90                  |
| Steers & Heifers                    | Cwt  | 118.00    | 113.00   | 112.00                 | 88.00                  |
| Cattle <sup>4/</sup>                | Cwt  | 104.00    | 98.20    | 98.60                  | 84.70                  |
| Calves                              | Cwt  | 135.00    | 125.00   | 128.00                 | 131.00                 |
| <b>ALL HOGS</b>                     |      |           |          |                        |                        |
| Sows                                | Cwt  | 46.10     | 36.50    | 37.20                  | 38.60                  |
| Barrows & Gilts                     | Cwt  | 50.60     | 45.80    | 46.50                  | 50.50                  |
| All Hogs                            | Cwt  | 50.10     | 44.90    | 45.50                  | 50.00                  |
| Market Eggs <sup>2/</sup>           | Doz  | 0.290     | 0.260    | 0.200                  | 0.257                  |
| <b>MILK</b>                         |      |           |          |                        |                        |
| Fluid Grade <sup>5/</sup>           | Cwt  | 15.70     | 15.20    |                        | 14.80                  |
| Manufacturing Grade <sup>5/</sup>   | Cwt  | 14.20     | 13.80    |                        | 14.00                  |
| All Milk <sup>5/</sup>              | Cwt  | 15.60     | 15.10    | 15.30                  | 14.70                  |
| <b>HOG/CORN RATIO <sup>6/</sup></b> |      | 20.62     | 20.88    | 23.33                  | 26.46                  |

1/ Prices received represent the average of all grades or classes at point of first sale and should not be confused with market quotations of specific grades or classes.

2/ Mid-month prices.

3/ Beef cows and cull dairy cows sold for slaughter.

4/ "Cows" and "Steers & Heifers" combined.

5/ Missouri July fat test %: all milk 3.51, fluid grade 3.51, mfg grade 3.60.

U.S. August fat test %: all milk 3.55, fluid grade 3.54, mfg grade 3.71.

6/ "All Hogs" divided by "Corn" prices.

7/ Price not published to avoid disclosure of individual firms.

\* Revised

**The complete NASS Report can be accessed at:**

<http://usda.mannlib.cornell.edu/reports/nassr/price/pap-bb/>

### July 2005 Egg Production

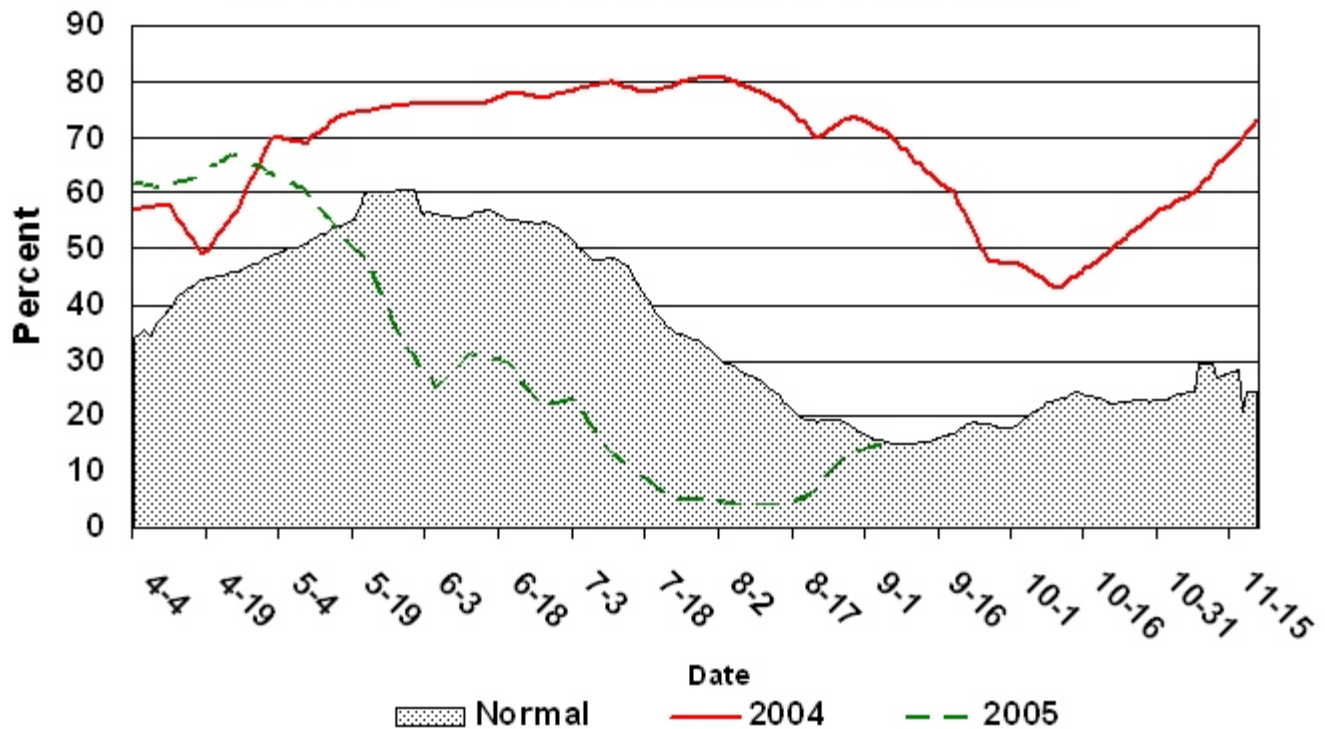
| State       | Number of Layers on Hand <sup>1/</sup> | Eggs per 100 for All Layers <sup>1/</sup> | Total Production |
|-------------|----------------------------------------|-------------------------------------------|------------------|
|             | 1,000                                  | Number                                    | Million Eggs     |
| AR          | 14,414                                 | 1,998                                     | 288              |
| IA          | 47,101                                 | 2,314                                     | 1,090            |
| <b>MO</b>   | <b>7,266</b>                           | <b>2,230</b>                              | <b>162</b>       |
| <b>U.S.</b> | <b>340,184</b>                         | <b>2,222</b>                              | <b>7,560</b>     |

1/ Includes all layers and eggs produced in both table egg and hatching egg flocks regardless of size.

**The complete NASS Report can be accessed at:**

<http://usda.mannlib.cornell.edu/reports/nassr/poultry/pec-bb/>

## Missouri Pasture Rating Percent in Good and Excellent Condition\*



\*Source: Missouri Crop and Weather Report

### USDA DATA USERS' FORUM

USDA Data Users' Meeting on October 17, 2005    AND    Industry Outlook Meeting on October 18, 2005  
Embassy Suites at O'Hare Airport, Chicago, Illinois (847) 678-4000. For additional information see: [www.usda.gov/nass/](http://www.usda.gov/nass/).

Look for these reports at: <http://www.usda.gov/nass/pubs/pubs.htm>

Cattle on Feed - September 17

Commercial Slaughter - September 17

Quarterly Hogs and Pigs - September 24

Small Grains Summary - September 30

Agricultural Chemical Usage - Restricted Use Summary - October 6